

Work Order ID 85802

June 15, 2012 12:51:26 PM

85802

Page 1

Item ID: D3215-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Belt Assembly
 Start Date: 6/15/12 Start Qty: 10.00 ***10*** Cust Item ID:
 Required Date: 6/22/12 Req'd Qty: 10.00 ***10*** Customer:
 Reference:

Approvals: Process Plan: CG Date: 12/06/15 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D3215	Rev D

100	PURCHASING	0.00							
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>P/O 17231</u> to Tulmar Safety Systems								
	D3215-041 as per Dwg D3215								
	Ship to Tulmar								
	Certificate of Conformity is required								

CG 12/06/15 (10)

110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	0.00							
Packaging	Ensure certificate of conformity is attached								

12/6/22 (10)

120	QC6- Inspect dimensions to drawing	0.00							
120									
QC	Memo	0.00							
Quality Control									

10 12/06/22

Work Order ID 85802***85802***

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Revision ID: Stop ***NS2***
Item Name: Belt Assembly
Start Date: 6/15/12 Start Qty: 10.00 ***10*** Cust Item ID:
Required Date: 6/22/12 Req'd Qty: 10.00 ***10*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: 269	0.00							
130									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MLJ 12/06/22

MLJ 12/06/22

Picklist Print

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Page 1

Work Order ID: 85802

Parent Item: D3215-041

Parent Item Name: Belt Assembly

Start Date: 6/15/12

Required Date: 6/22/12

Start Qty: 10.00

Required Qty: 10.00

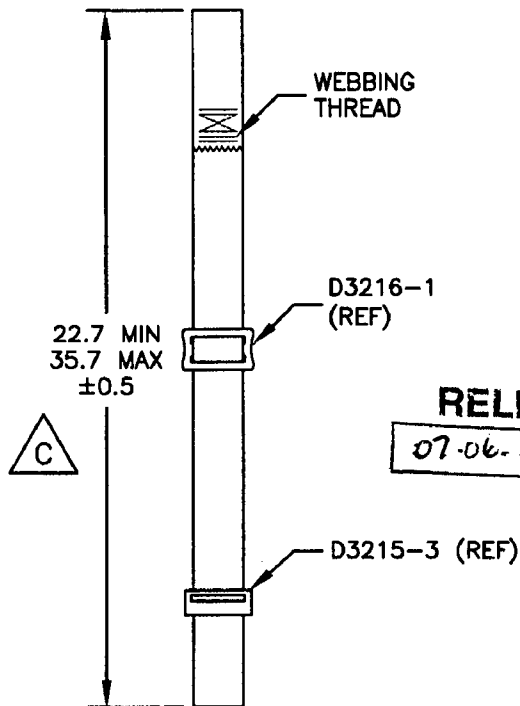
Comments: IPP A03.10.28New IssueKJ/RF
IPP B 07.06.12 ecn 940 EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3215-041P Harness Assembly		Purchased	No			110	Each	0.0000	1	10		6/17/12 (13)	
D3215-3 Webbing Tidy		Manufactured	No			100	Each	24.0000	1	10		6/12/06/15	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST033		24				10			
				77324		24							
D3216-1 Fitting		Manufactured	No			100	Each	7.0000	1	10		6/12/06/15	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST033		7				7			
				83767		7							

X3 B 85803

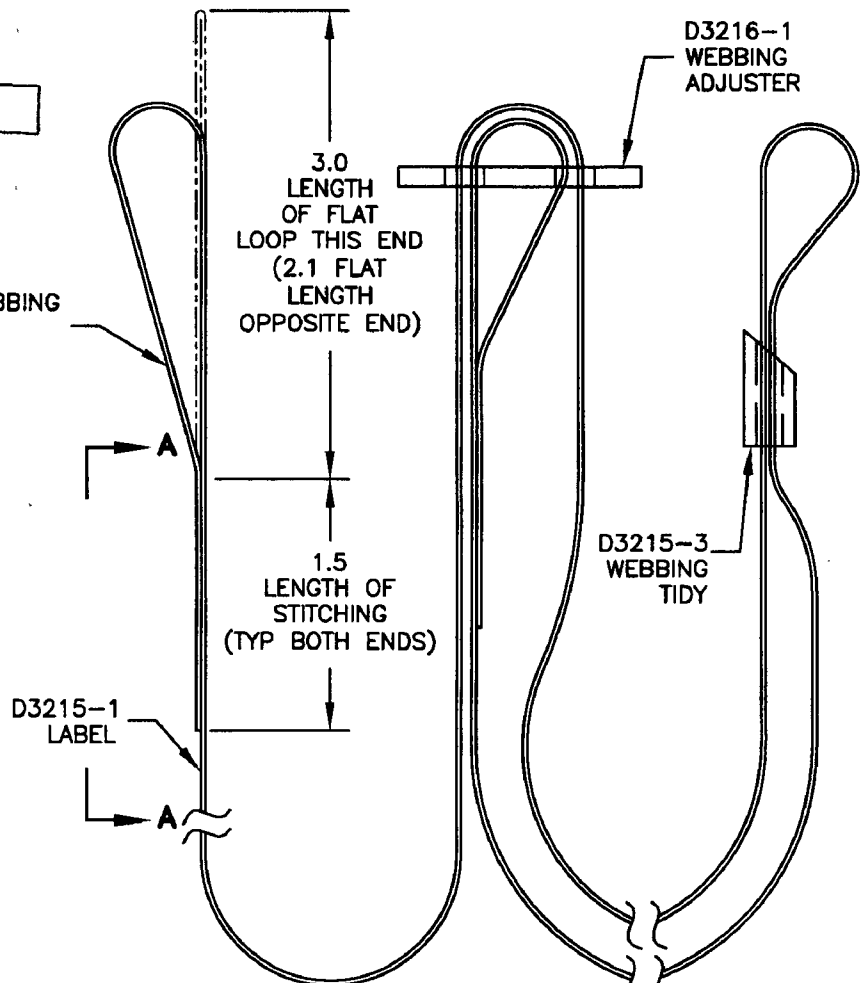
DART

DESIGN <i>GP</i>	DRAWN BY <i>CB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>CE</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3215	REV. D SHEET 1 OF 3
DATE 07.03.27	TITLE BELT ASSEMBLY	SCALE NTS	
A	03.09.19	NEW ISSUE	
B	04.01.12	AS MANUFACTURED; ADD TOLERANCE	
C	04.03.05	REDUCE LENGTH; CLARIFY STITCHING	
D	07.03.27	ADD WEBBING SUPPLIER; ADD LABEL THREAD AND MATERIAL; IN VIEW A-A, 1.4 WAS 1.8; ADD -3A AND -3B; UPDATE TOLERANCES	



PARTS LIST:

QTY	P/N	DESCRIPTION
X	D3215-041	BELT ASSEMBLY
AS REQ'D	SEE NOTE 1	WEBBING
AS REQ'D	SEE NOTE 1	WEBBING THREAD
AS REQ'D	SEE NOTE 1	LABEL THREAD
1	D3215-1	LABEL
1	D3215-3	WEBBING TIDY
1	D3216-1	WEBBING ADJUSTER

**D3215-041 BELT ASSEMBLY:**

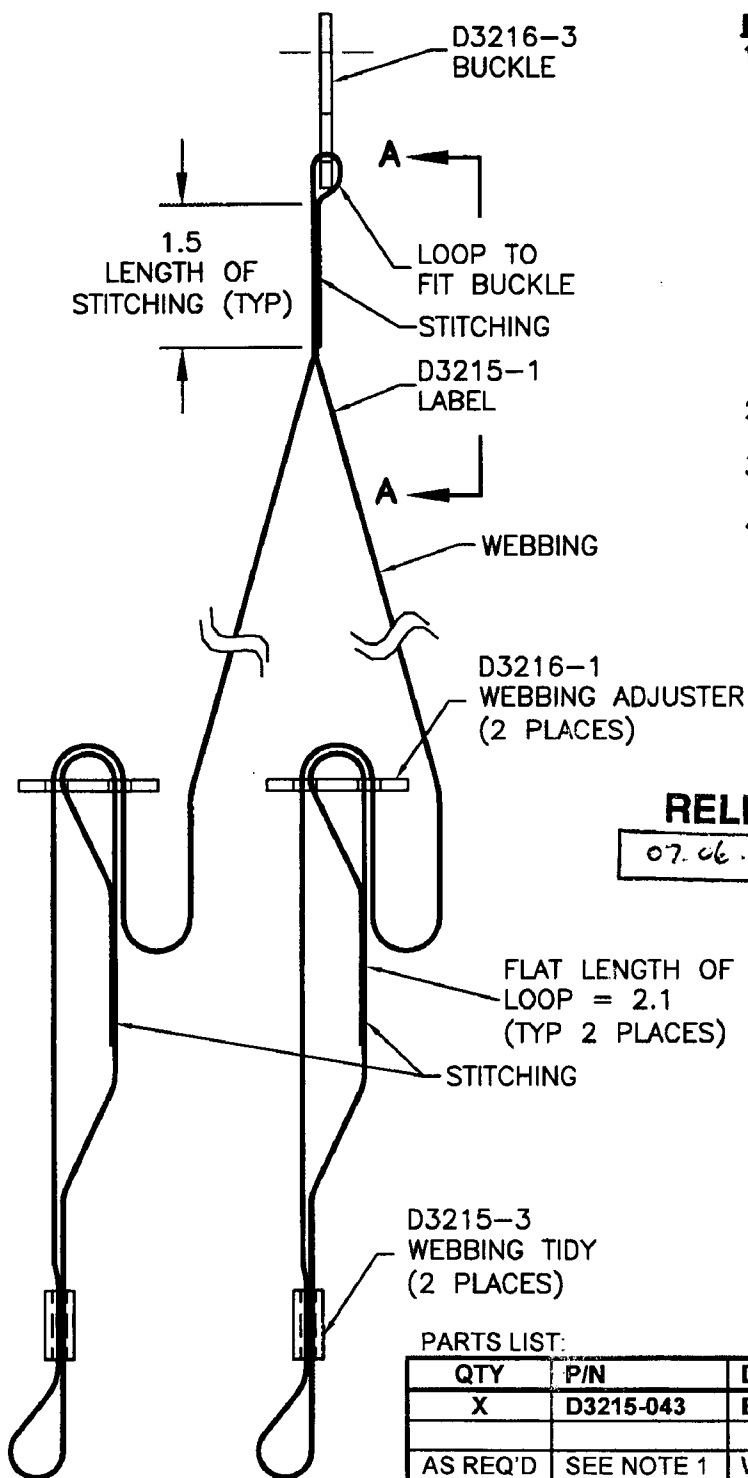
- MATERIAL: WEBBING = LAGRAN CANADA INC. 26472, 1.8 WIDE x 0.05 THICK BLACK POLYESTER WEBBING, CERTIFIED TO FAR 29.853A3, TENSILE STRENGTH 5700 lb MIN
OR BELT TECH CANADA INC. 27039, 1.8 WIDE x 0.05 THICK BLACK POLYESTER WEBBING, CERTIFIED TO FAR 29.853A3, TENSILE STRENGTH 6000 lb MIN
WEBBING THREAD = V-T-295 TYPE II CLASS A SIZE 3, BLACK NYLON THREAD
LABEL THREAD = V-T-295 TYPE II CLASS A SIZE F, BLACK NYLON THREAD
- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- SEE SHEET 3 FOR VIEW A-A

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DESIGN <i>GP</i>	DRAWN BY <i>CB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>CE</i>	APPROVED <i>H</i>	DRAWING NO. D3215	REV. D SHEET 2 OF 3
DATE 07.03.27		TITLE BELT ASSEMBLY	SCALE NTS

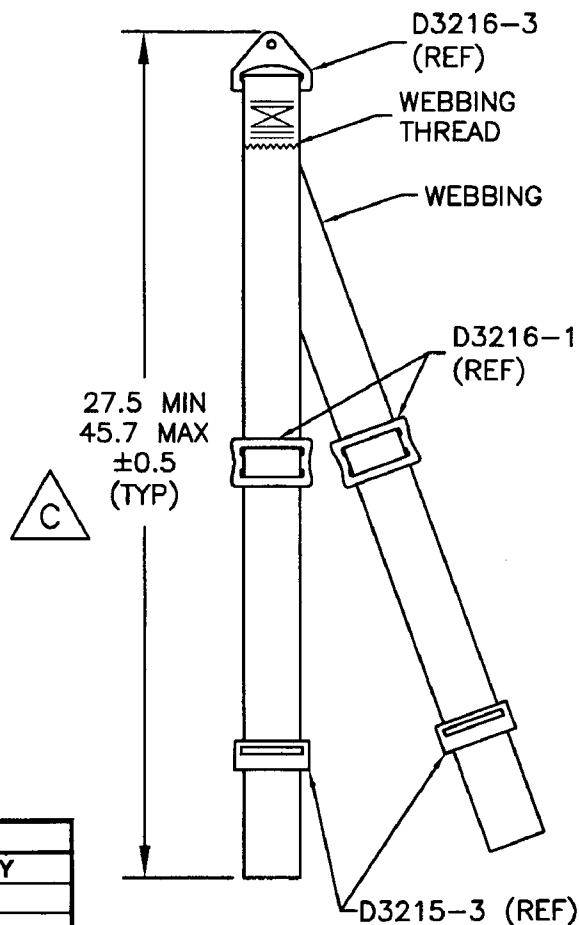


D3215-043 BELT ASSEMBLY:

- MATERIAL:
WEBBING = LAGRAN CANADA INC. 26472, 1.8 WIDE x 0.05 THICK BLACK POLYESTER WEBBING, CERTIFIED TO FAR 29.853A3, TENSILE STRENGTH 5700 lb MIN
OR BELT TECH CANADA INC. 27039, 1.8 WIDE x 0.05 THICK BLACK POLYESTER WEBBING, CERTIFIED TO FAR 29.853A3, TENSILE STRENGTH 6000 lb MIN
WEBBING THREAD = V-T-295 TYPE II CLASS A SIZE 3, BLACK NYLON THREAD
LABEL THREAD = V-T-295 TYPE II CLASS A SIZE F, BLACK NYLON THREAD
- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- SEE SHEET 3 FOR VIEW A-A

RELEASED

07.06.07



ASSEMBLY DETAIL
NOT TO SCALE

PARTS LIST:

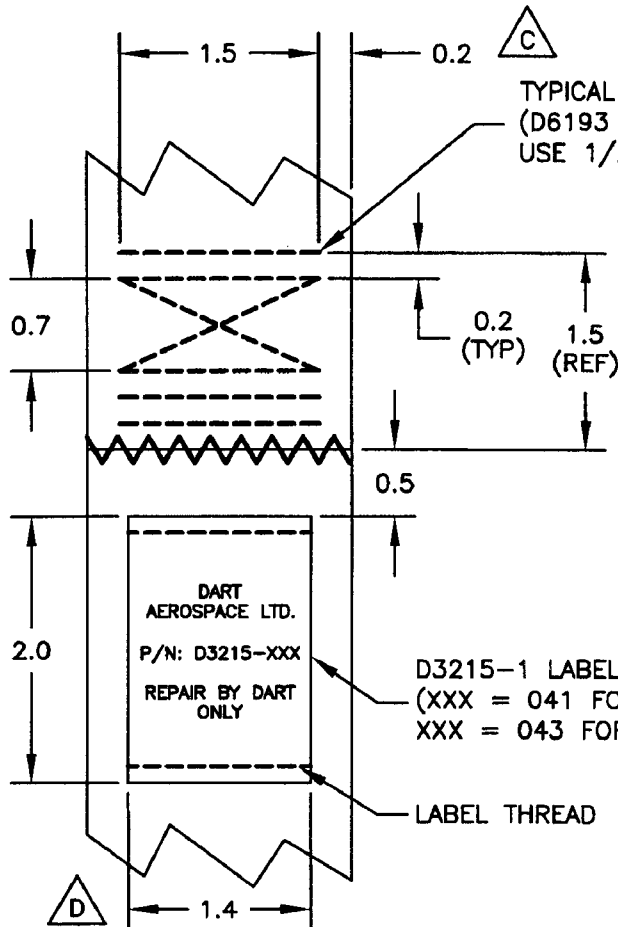
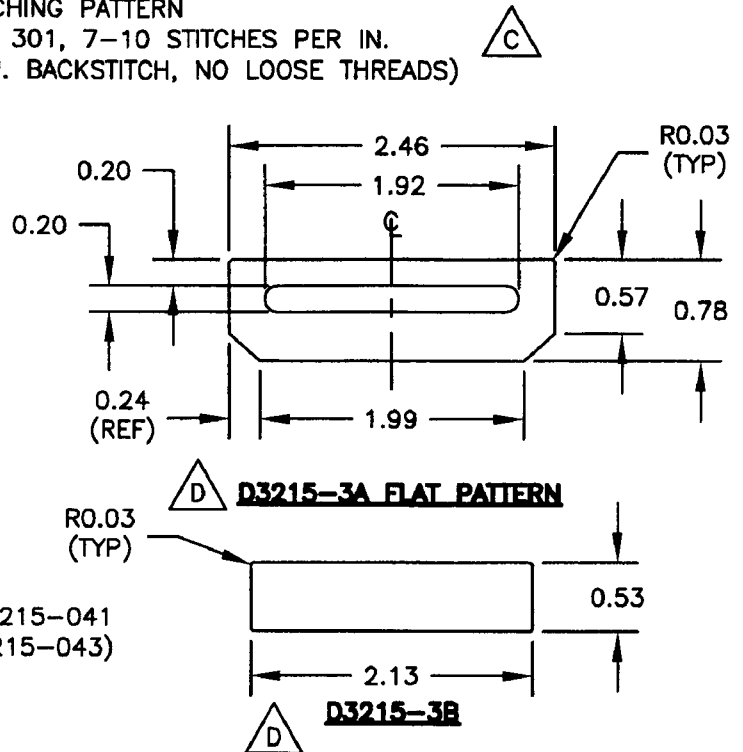
QTY	P/N	DESCRIPTION
X	D3215-043	BELT ASSEMBLY
AS REQ'D	SEE NOTE 1	WEBBING
AS REQ'D	SEE NOTE 1	WEBBING THREAD
AS REQ'D	SEE NOTE 1	LABEL THREAD
1	D3215-1	LABEL
2	D3215-3	WEBBING TIDY
2	D3216-1	WEBBING ADJUSTER

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DART

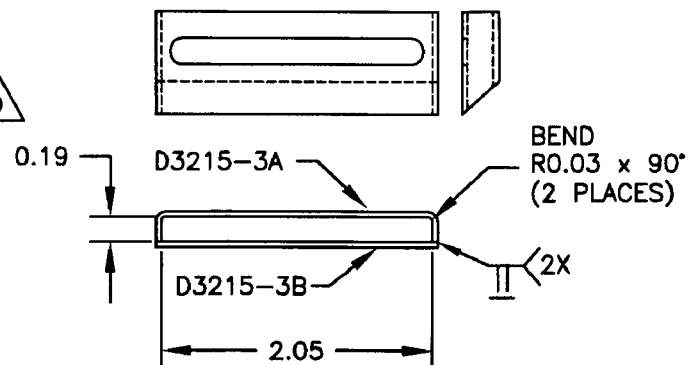
DESIGN <i>GP</i>	DRAWN BY <i>CB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>CE</i>	APPROVED <i>#</i>	DRAWING NO. D3215	REV. D SHEET 3 OF 3
DATE 07.03.27	TITLE HARNESS ASSEMBLY		SCALE 3:2

**VIEW A-A****D3215-3A/-3B NOTES:**

- 1) MATERIAL: 5052-H32 ALUMINUM SHEET, 0.040 THICK
PER QQ-A-250/8 OR AMS 4016
(REF DART SPEC. M5052H32S.040)
- 2) BEND D3215-3A PER D3215-3

D3215-1 LABEL:

- 1) MATERIAL: WHITE TYVEK OR
WHITE POLYESTER WHICH MEETS FMVSS 302 $\triangle D$
- 2) USE 1/8 BLACK LETTERING
- 3) CENTER ON BELT WIDTH

RELEASED07.06 07 *#***D3215-3 WEBBING TIDY****GENERAL NOTES:**

- 1) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

D3215-3 NOTES:

- 1) WELD PER DART QSI 004
- 2) FINISH: CHEMICAL CONVERSION COAT PER
DART QSI 005 4.1
POWDER COAT BLACK SANDTEX (4.3.5.7)
PER DART QSI 005 4.3

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PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8 CA
Tel: 613-632-1282
Fax: 613-632-2030
MID : XOTULSAF1123HAW
email: info@tulmar.com

Packing Slip No.

44390

Ship Date

21-Jun-12

Bill To:

Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7. Canada

Ship to:

Dart Aerospace
1270 Aberdeen Street
Tel: 613-632-9577
Hawkesbury, ON K6A 1K7. Canada

Order number	Sales order date	Account number	Account manager
28770	15-Jun-12	CDART100	Helena Vandeweerd
PO number	Ship Via	Shipping Terms	
PO17231	Pick-Up	FOB ORIGIN	
Item No.	Quantity ordered	UOM	Qty Shipped/Returned
Description			Quantity on back order

1937	10	EA	10
Belt Ass'y, 1/2" wide, Black Webbing			
Drawing No: D3215 (P/N D3215-041)			
DWG Rev: D			
Line 1			
Lot No: BATCH0000000031 Qty: 10			

Shipper 

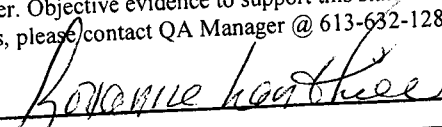
Date: JUN 21 2012

Certificate of Conformance

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.

☒ See Certification Enclosed

Authorized Inspector



Date: JUN 21 2012

Belt-Tech Products Inc.

Certificate of Compliance No : 56 412

Page : 1 de
Date : 2010-10-22
Time : 13:31:04

Pattern : 27039 Width : 47.000 Dye lot No : 432674
Color : CG008 BLACK Meters : 6 728.00 Warp Order :
Customer : TULMAR SAFETY SYSTEMS Nissan Test Date : 2010/10/22
Customer Part Number 18440-00 Legend : Y = Good - Pass
N = Fail

Test Method	Date	Type of Test	Min. Spec.	Max. Spec.	Median	Test 1	Test 2	Test 3
FMVSS 209	2009/10/01	Width - no load (mm)	46.000	48.000	47.930	47.840	47.970	47.930 \
SAE J 882	2007/09/01	Thickness - original (mm)	1.140	1.400	1.175	1.185	1.175	1.175 \
ASTM D-3775	2008/07/01	Picks per cm	7.000		7.200	7.200	7.200	7.200 \
FMVSS 209	2009/10/01	Elongation - @ 11.1 kn load (%)		20.000	6.310	6.310	6.120	6.640 \
FMVSS 209	2009/10/01	Tensile - original (lbs)	6,700.000		7,167.000	7,167.000	7,086.000	7,182.000 \
FMVSS 209	2009/10/01	Tensile - hex-bar % of original	75.000		91.700	91.500	91.900	91.700 \
AATCC TM 8	2007/01/01	Crocking "wet"	3.000		4.000	4.000	4.000	4.000 \
AATCC TM 8	2007/01/01	Crocking "dry"	3.000		4.500	4.500	4.500	4.500 \
AATCC TM 107	2009/01/01	Dye stability (staining) *	3.000		4.500	4.500	4.500	4.500 \

Specification(s) : FMVSS 209 revised on 2008-10-01

FMVSS 302 revised on 2008-10-01

Comment(s)

This is to certify that this product conforms to the specification(s) mentioned above and the requirement(s) outlined in the Purchase Order # and was tested at $22 \pm 3^{\circ}\text{C}$ temperature and 45-55 % relative humidity.

Not applicable for downgraded (second) material

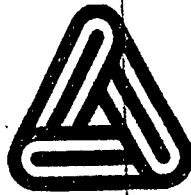
If this document is not signed, it is to be regarded as a non-controlled version

Tested by :

Approved by :

4.10-1403E (2010-03-31)

BC 2281/12 JS



**AVERY
DENNISON**

303 Advantage Court
Lenoir, NC 28645

CERTIFICATE OF COMPLIANCE

Sold To: Tulmar Safety Systems Inc

Vendor Name: Avery Dennison Retail Information Systems

PO#: 22705

Product: 25KAMSAFE BLANK 2360NWT, IMPRINTED ONESIDE, 1-3/8" WEB
Consists of:
10D011625 HS1111 1-3/4" 1.125P 1640FT TTR
152360138 2360NWT 1-3/8" 3C 334YDS

Mil Spec: NA

Quantity 1

Lot# NA

Ship Date: 3/8/2012

Contract# NA

I certify that the above component complies with all applicable Avery Dennison specifications of 950 German Street, Lenoir, NC.

Signature:

Title:

Shipping Lead

Res 22019-001 / 04



cansew inc.

formerly / anciennement
Canadian Sewing Supply Ltd. / Ltée - established / établie 1924

Manufacturers of sewing threads. / Wholesalers of elastics, Velcro, tapes, trimmings.
Fabricants de fils à coudre. / Grossistes d'élastiques, Velcro, galons, garnitures.

16 September 2008

Tulmar Safety Systems
1123 Cameron Street
Hawksbury, Ontario
K6A 2B8

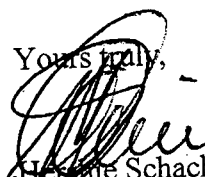
Att. Sandra Nadeau

CERTIFICATE OF COMPLIANCE

This is to certify that the items mentioned below, shipped to Tulmar Safety Systems by CANSEW INC. on 16 September 2008, have been produced in accordance with the requirements of Purchase Order no. 14743-00 of the same date:

- * -Bonded Nylon CB207 - 20.05 lb, colour black, lot # 710805, meeting the requirements of specification V-T-295, Type 2, Class A, Size 3, 3 ply
- Bonded Nylon CBB92 - 64.30 lb, colour OG-107, lot # 667896 and 587426, meeting the requirements of specification V-T-295, Type 2, Class A, Size F

Yours truly,


Herbert Schachter
CANSEW INC.

MONTREAL - Head Office/Siège social
111 Chabanel W / O-42N-1C9
Administration (514) 382-2807
Commandes/Orders (514) 382-2801
1-800-361-7722
FAX: (514) 385-5530

TORONTO
28 Apex Rd. M6A 2V2
(416) 782-1122
1-800-387-8584
FAX: (416) 782-8358

WINNIPEG
1674 Church Ave R2X 2W9
(204) 942-4264
1-800-665-0701
FAX: (204) 947-9280

CALGARY
3932 - 29th St. N.E. T1Y 6B6
(403) 291-4494
1-800-667-4197
FAX: (403) 291-5139

VANCOUVER
1615 Venables St. V5L 2H1
(604) 682-4341
1-800-580-0737
FAX: (604) 682-4196

info@cansew.ca

www.cansew.ca

TSS# 2524/54

TSS# 2525/41



American & Efid Inc.
Post Office Box - 507
Mount Holly, NC -28120

Test Report

Date : 10/1/2010

Mfg. Date : 3/27/2010

Lot Id : 705150

Quantity : 44

Product : Tex 90 BONDED 'Z' NYLON FILAMENT Black AA 63002 16 OZ

Specification : A-A-59826 TPII CLA F BT92N4

Customer Order Number : 17499-00

Plys (Visual) : 4

Customer : Tulmar Safety Inc.

Twist Direction : Z

Shipped To : Tulmar Safety Inc.

A&E Color : 63002 Black
 AA

Description : Bright, Continuous Multifilament Nylon, Melting Point >472F; Colorless Nylon Polymer Bond;
 Polypropylene Spools

Characteristic	Test1	Test2	Test3	Test4	Test5	Average	Minimum	Maximum
Strength #1 (Pound)	15.2	15.7	15.6	15.7	15.8	15.619		
Strength #2 (Pound)	15.4	15.1	15.2	15.4	14.8	15.177		
Average Strength (Pound)						15.4	11.8	

Elongation #1 (Percent)	20.5	22.4	21.8	22	21.8	21.722		
Elongation #2 (Percent)	22.3	21.4	21.9	22.5	21.1	21.856		
Average Elongation (Percent)						21.8		26

Lube

Pass Pass

Twist S #1 (Turns per inch)	12.2	12.2	12.2	12.2	12.2	12.2		
Twist S #2 (Turns per inch)	12.2	12.2	12.2	12.2	12.2	12.2		
Average Twist S (Turns per inch) Initial Twist						12.2		

Twist Z #1 (Turns per inch)	8.1	8.1	8.1	8.1	8.1	8.1		
Twist Z #2 (Turns per inch)	8.1	8.1	8.1	8.1	8.1	8.1		
Average Twist Z (Turns per inch) Final Twist						8.1	5.5	

Yield #1 (Yards/Pound)	4211.8		4211.8					
Yield #2 (Yards/Pound)	4114.7		4114.7					
Average Yield (Yards/Pound)			4163.2	3601	5200			

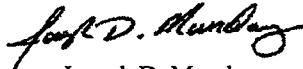
Laundry #1 (Grading Scale)	5		5					
Laundry #2 (Grading Scale)	5		5					
Average Laundry (Grading Scale)			5	3				

TS # 2530/49

Dry Cleaning #1 (Grading Scale)	5	5	
Dry Cleaning #2 (Grading Scale)	5	5	
Average Dry Cleaning (Grading Scale)		5	3
Perspiration #1 (Grading Scale)	5	5	
Perspiration #2 (Grading Scale)	5	5	
Average Perspiration (Grading Scale)		5	3
Color Fastness to Light #1 (Grading Scale)	5	5	
Color Fastness to Light #2 (Grading Scale)	5	5	
Average Color Fastness to Light (Grading Scale)		5	3.4

I certify that the above test were performed under my supervision and in accordance with the specification test requirements and that the reported test results are true, valid and applicable to the samples tested. I further certify that these samples were the only samples tested from the lot of components identified above.

Signed :



Joseph D. Munday
Testing Director

Note

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TSS 2530/49 